Depleting the stock of non-conventional energy sources

†1477. SHRIMATI KUM KUM RAI: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether it is a fact that the stock of Conventional Energy Sources is fast depleting;

(b) if so, whether Government are going to take any concrete decision by formulating any action plan with regard to non-conventional energy sources such as solar energy, wind energy, bio-gas energy and bio-mass energy;

(c) if so, the details thereof; and

(d) if not, the reasons therefor?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRIM. KANNAPPAN): (a) to (d) The conventional energy sources, such as, coal, oil and natural gas are available in finite quantities. The Ministry has set up targets of 10.OO0MW power corresponding to 10% of additional power generating capacity and electrification of 18,000 remote villages from various non-conventional energy sources by 2012. The details of targets fixed under various non-conventional energy programmes during the Tenth Plan period are given in the Statement enclosed.

Statement

Programme-wise physical targets allocated during the Tenth Plan

A: Power Generation from Renewables

Wind Power		1500 MW
Small Hydro Power	—	600MW
Biomass Power/Co-generation	—	700 MW
Biomass Gasification	—	50MW
Waste to Energy	—	80MW
Solar Photovoltaic Power	—	5MW
Solar Thermal Power		140 MW
Total		3075 MW

† Original notice of the question was received in Hindi.

B.village Electrification programme — 5000 villages

C. Decentralized Energy Systems

Biogas Plants	—	10 Lakh
Solar lighting systems	—	18.5 Lakh
SPV Pumps	—	8,000 (14 MW)
SPV Generators	—	10,000 (3 MW)
Wind Pumps	—	800 Nos.
Hybrid Systems	—	800 kw
Solar Water Heating Systems	—	0.5 million sq. m. collector area
Solar Air Heating Systems	—	5,000 sq. m. collector area
Solar Cooker	—	2.05 lakhs
Steam Cooking System	—	20 Nos.
Solar Aditya Shop	—	100 Nos.

MW = Megawatt; KW = Kilowatt; SPV = Solar Photovoltaic; and sq.m. = square meter

Achievements in promotion of Non-Conventional Energy Sources

1478. PROF. SAIF-UD-DIN SOZ: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state the progress year-wise and State-wise for the period from 1 st April, 1999 to 15th February, 2003 in regard to promotion of Non-Conventional Energy Sources?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN): (a) The Ministry is implementing a wide range of programmes for the promotion and utilisation of non-conventional energy sources like solar, wind, biomass and small hydro. The details of achievements made under various non-conventional energy programmes, year-wise and State-wise, for the period from 1st April, 1999 to 15th February, 2003 are given in Statement enclosed.